



### FORMATIVE ASSESSMENT – THIRD MID TERM

#### MATHEMATICS

**Max. Marks: 50**

**Std - VII**

**Time: 2 Hrs**

<b>Name of the School:</b> <hr/>	<b>Name of the Student:</b> <hr/>
<b>Place:</b> <hr/>	<b>Roll No.:</b> <hr/>

**I. Fill in the blanks with suitable answers:**

**5 x 1 = 5**

1.  $6.40 + 59.120 + 758.741$  is equal to \_\_\_\_\_
2.  $234.75 - (45.11 - 39.2) + 8.07$  is equal to \_\_\_\_\_
3. 2% of 1 litre is equal to \_\_\_\_\_
4. Simple interest =  $\frac{P \times n \times}{100}$
5.  $7 \times \underline{\hspace{1cm}} = 6.3$

**II. Choose the correct answer:**

**5 x 1 = 5**

6.  $0.4 \times 0.005 = \underline{\hspace{1cm}}$ 
  - a) 0.0002
  - b) 0.002
  - c) 0.2000
  - d) 0.0200
7.  $0.2 + 0.2 + 0.2 = \underline{\hspace{1cm}}$ 
  - a) 2.2
  - b) 2.6
  - c) 0.8
  - d) 2.8
8.  $\underline{\hspace{1cm}} \div 100 = 5.6834$ 
  - a) 56.834
  - b) 563.84
  - c) 568.34
  - d) 5683.4
9. The decimal value of 2% is \_\_\_\_\_.
  - a) 2.2
  - b) 0.2
  - c) 2.0
  - d) 0.02
10. The cost prize is ₹200 and the loss is ₹5. The loss % is \_\_\_\_\_.
  - a) 5%
  - b) 4%
  - c) 2%
  - d) 2.5%

**III. Match the following:**

**5 x 1 = 5**

11. $\frac{1200 \times 100}{8 \times 2}$	$33\frac{1}{3}\%$
12. Loss	$\frac{11}{25}$
13. 25% of 160	$C_p - S_p$
14. 44% is equal to	40
15. $\frac{1}{3}$ as a percentage	7500

**IV. State whether the following are True or False:****5 x 1 = 5**

16. The sum of 22.8 and 0.07 is 22.78
17.  $7.1 - (3.6 + 3.5)$  is equal to zero.
18.  $1.2 \times 0.12$  is equal to 14.40
19. The profit or loss percent is always calculated based on the cost price.
20.  $\frac{1260}{420}$  is equal to 4.

**V. Answer the following: (any 5)****5 x 2 = 10**

21. Round the following decimals to the nearest tenth.  
986.11, 18.399
22. Janu had ₹300.50 with her. She bought some pens for ₹62.00 and a few pencils for ₹58.65. How much money is left with her?
23. The distance of Rahul's school from his house is 2.64 km. Calculate the total distance he cycles from Monday to Friday to his school and back home.
24. Evaluate:
  - (i)  $648.6 \div 10$
  - (ii)  $16.9 \div \underline{\hspace{2cm}} = 0.00169$
  - (iii)  $1.56 \div 1000 = \underline{\hspace{2cm}}$
  - (iv)  $26.4 \div 100 = \underline{\hspace{2cm}}$
25. An alloy consists of 12% copper, 18% tin, and the rest is brass. What fraction of the alloy is brass?
26. Convert the following decimals to percentages.
  - (i) 0.94
  - (ii) 11.1
27. ₹8000 is invested at the rate of 8% per annum. Calculate the interest and the amount receivable at the end of 3 years.

**VI. Answer the following: (any 4)****4 x 5 = 20**

28. A certain sum of money amounts to ₹3600 in 2 years and ₹4200 in 3 years. What would be the principal and the rate of interest?
29. If a certain sum doubles itself in 8 years, in how many years will it triples itself?
30. Ram bought a fan for ₹1750 and sold it for ₹1690. What is his loss percent?
31. If a car can travel 12.35 km with 1 litre of petrols. What distance could it travel with 10 litres of petrol?
32. What is the area of the rectangle with length 7.52 cm and breadth 6.02 cm?
33. Find the missing numbers:
  - a)  $91.453 \times 100 = \underline{\hspace{2cm}}$
  - b)  $914.53 \times 1000 = \underline{\hspace{2cm}}$
  - c)  $91.453 \times 10 = \underline{\hspace{2cm}}$
  - d)  $0.91453 \times 10000 = \underline{\hspace{2cm}}$
  - e)  $100 \times \underline{\hspace{2cm}} = 914530$